

1497 Rec'd PCT/PTO 27 APR 2006

Substitute for PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 1012679-000120
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unassigned
INTERNATIONAL APPLICATION NO. PCT/KR2004/002732	INTERNATIONAL FILING DATE 27 October 2004 (27.10.04)	PRIORITY DATE CLAIMED 27 October 2003 (27.10.03)	

TITLE OF INVENTION

MOLECULAR MARKER ASSOCIATED WITH CMV RESISTANCE AND USE THEREOF

APPLICANT(S) FOR DO/EO/US

Shinje KIM, Ju-Kwang HWANG, Goon-Bo KIM and Su KIM

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission to items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 21 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 1) Application Data Sheet, 2) General Authorization for Petitions for Extensions of Time and Payment of Fees, 3) Paper Copy of Sequence Listing, 4) Declaration Pursuant to 37 C.F.R. Sections 1.821-1.825, 5) PCT/RO/101 - PCT Request, 6) Form PCT/RO/105, 7) Form PCT/ISA/202, 8) Form PCT/IB/304, 9) Form PCT/IB/301, 10) Written Opinion (PCT/ISA/237), 11) PCT/ISA/210 (International Search Report), 12) Form PCT/IB/308 - First Notice, and 13) Form PCT/IB/308 - Second Notice.

U.S. APPLICATION NO. (If known, see 37 CFR 1.15) Unassigned <b>101/377433</b>		INTERNATIONAL APPLICATION NO. PCT/KR2004/002732		ATTORNEY'S DOCKET NUMBER 1012679-000120	
<b>21. <input checked="" type="checkbox"/></b> Applicant(s) requests that the published application include the following assignment information: <u>FNP CORP., LTD., Republic of Korea.</u>     				<b>CALCULATIONS PTO USE ONLY</b>	
<b>22. <input checked="" type="checkbox"/></b> The following fees are submitted:					
Basic Filing Fee (1631)				\$ 300.00	
Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	17	-20 =	0	x \$50.00 (1615)	\$ 0.00
Independent Claims	3	-3 =	0	x \$200.00 (1614)	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00 (1616)	
Examination Fee				+ \$200.00 (1633)	\$ 200.00
Search Fee				+ \$400.00 (1632)	\$ 400.00
App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)					
TOTAL OF ABOVE CALCULATIONS =					\$ 900.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	\$ 450.00
SUBTOTAL =					\$ 450.00
Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$ 0.00
TOTAL NATIONAL FEE =					\$ 450.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property +					\$ 40.00
TOTAL FEES ENCLOSED =					\$ 490.00
				Amount to be refunded :	
				charged :	
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u> . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Charge <u>\$ 490.00</u> to credit card. Form PTO-2038 is attached.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker &amp; Mathis P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p> </div> <div style="width: 35%; text-align: center;">             SIGNATURE              Susan M. Dadio            NAME    <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <u>40,373</u>              REGISTRATION NO.           </div> <div style="text-align: center;"> <u>April 27, 2006</u>              DATE           </div> </div> </div> </div>					